Manufacturer
Clarion Co., Ltd.

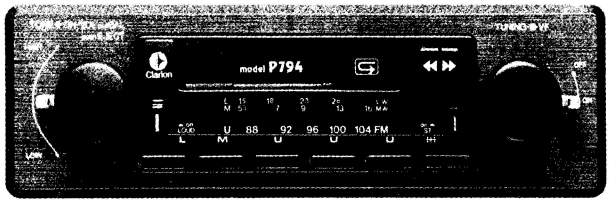
Export Division
Clarion Shoji Co., Ltd.
3, Kojimachi 5-chome, Chiyoda-ku, Tokyo, 102 Japan
Tel: 03-265-2931
Telex: J22908, J22152, J25550 CLARISHO

Closer Relations through
"Clarion Service Manual"

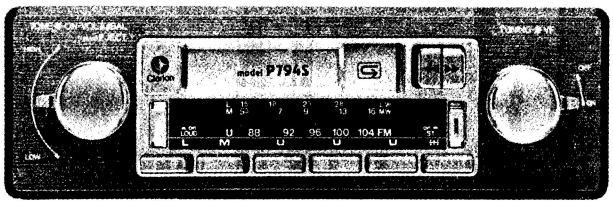
Service Manual

Overseas Sales Branch Offices
Clarion Corporation of America 5500 Rosecrans Ave., Lawndale, Calif., 90260 U.S.A. Tel: 213-973-1100 Telex: CLARIONLSA 66-4447
Clarion Corporation of America (Eastern Division) 100 Thirteenth Avenue, Ronkonkoma, New York 11779 U.S.A. Tel: 516-467-1120 Telex: 64-0787
Clarion Shoji (EUROPA) G.m.b.H. Rudolf-Diesel-Strasse 2, 6236 Eschborn 2, West Germany Tel: 06173-61041-42 Telex: 415414
Clarion (HONG KONG) Co., Ltd. 526, Ocean Centre, Canton Road, Tsimshatsui, Kowloon, Hong Kong Tel: 3-690528 Telex: HX64293 CLAHK
Clarion Canada Inc. 1401 Meyerside Dr. Mississauga, Ontario L5T IG8, Canada Tel: 416-678-1367 Telex: 216968573 CLARION MSGA
Clarion Shoji (U.K.) Ltd. 4-6, Faraday Road, Dorcan Industrial Estate, Dorcan, Swindon, Wiltshire. SN3.5HQ United Kingdom Tel: (0793) 24081 Telex: 44689

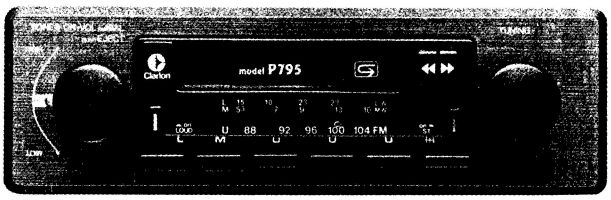
Model **P794•P794S (PE-794A•B)**
P795•P795S (PE-795A•B)



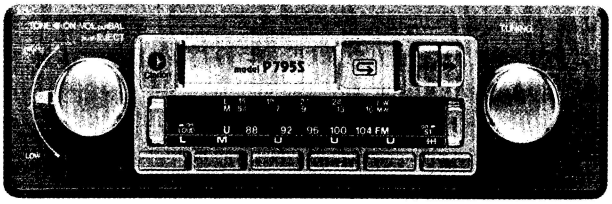
P794



P794S



P795



P795S

■ SPECIFICATIONS:

Radio section

Circuit system: Superheterodyne
Tuning system: Manual μ-tuning/6 push-button
Receiving frequency: LW 155 kHz to 281 kHz
MW 531 kHz to 1,602 kHz
UKW (FM)
87.5 MHz to 104 MHz
Intermediate frequency:
LW, MW 460kHz
UKW (FM) 10.7 MHz

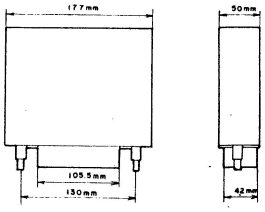
Tape section

Reproduction system: Auto replay
4 track, 2 channel, 2 program stereo cassette tape playback
(Monaural also capable)
Tape speed: 4.76 cm/sec. (1 7/8 ips)

Composite

Speaker impedance: 4Ω×2

Power output: 4.5 W×2
(at 10% distortion TYP.)
More than 8.0 W×2
(at max. output TYP.)
Power supply voltage: DC 14.4 V (10.8 V to 15.6 V)
Negative ground
Power consumption:
Less than 3A
(at max. output)
Semiconductors: 7 ICs, 13 Transistors and
(Not included tuner pack) 13 Diodes (P794·P794S)
5 ICs, 12 Transistors and
11 diodes (P795·P795S)
Dimensions:



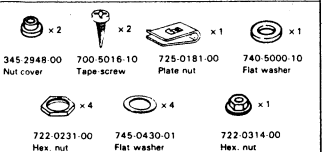
Weight: 1.6 kg

Printed in Japan 298-2930-00 P794 . P795

■COMPONENT VIEW:

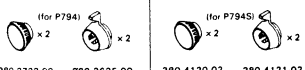
● P794·P794S (PE-794A-51·PE-794B-51)

	Main unit	1
300-4976-00	Mounting bracket	1
921-7176-01	Parts bag	1

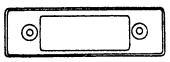


852-4649-00	Extension lead	1

922-0949-00	Parts bag	1	922-1073-02 Parts bag 1

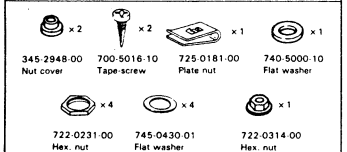


922-1150-04	Parts bag	1



● P795·P795S (PE-795A-51·PE-795B-51)

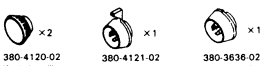
	Main unit	1
300-4976-00	Mounting bracket	1
921-7176-01	Parts bag	1



852-4649-00	Extension lead	1

922-1230-00	Parts bag	1

922-1231-00	Parts bag	1



922-1150-05	Parts bag	1

■ FEATURES:

- MW/LW/UKW(FM)-MPX 6PB radio with auto replay & key off eject stereo cassette player (FF, REW lock).
- Loudness circuit built in.
- Provided radio traffic information (VF) system. (P794·P794S)
- Super SASC (Signal Actuated Stereo Control) circuit system.
- SC mechanism

■ ADJUSTMENTS:

MW, LW CIRCUIT

Item	Input	Output	Frequency	Method of adjustment		Instruments required	Remarks
IF	TP51	TP52	460kHz	IFT2 and IFT3	Adjust the cores of IFT maximum wave-form height with good symmetry	• Sweep generator • Oscilloscope	IF curve Vol: minimum Tone: maximum Balance: center Dial pointer: right end
Tracking (MW)	Antenna receptacle	Meter across the speaker voice coil	510kHz	L7	Adjust the coil for maximum indication of V.T.V.M.	• S.S.G. • Dummy load (4Ω) • Dummy ANT • V.T.V.M.	(75Ω) 5Ω, 15pF, 65pF, to SSG, to SET Use dummy antenna between S.S.G. and antenna receptacle
Tracking (LW)			145kHz 315kHz 290kHz	L5 CT-2 CT-3 L6	Adjust the coil & trimmer for maximum indication of V.T.V.M.	• S.S.G. • V.T.V.M. • Dummy load (4Ω) • Dummy ANT	
Antenna trimmer	Receive white noise	Speaker	1,400kHz	TC201	Adjust the trimmer so that the noise output becomes maximum.	• Speaker	TC201 Ant. trimmer

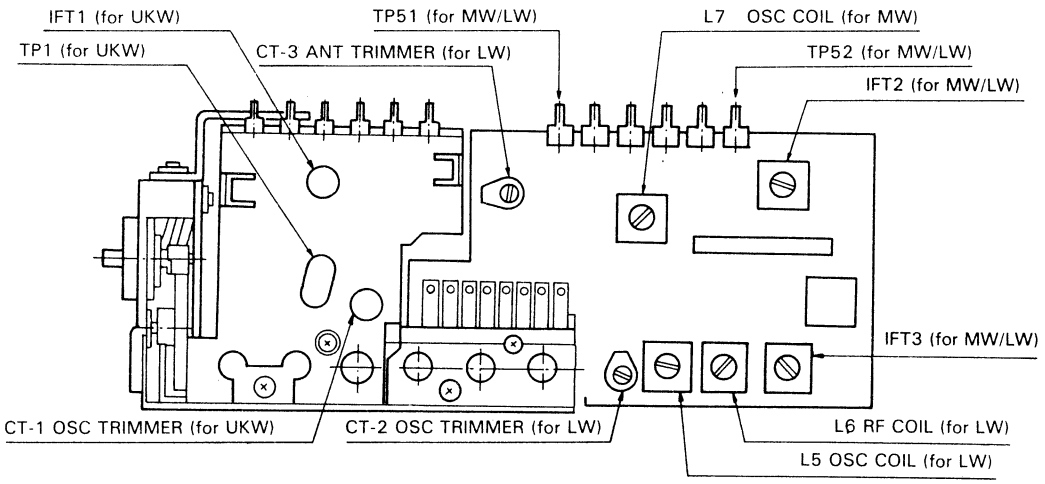
• **SPECIFICATION — LIMIT —** Quieting sensitivity : MW Less than 33 dB (at 20 dB S/N)
: LW Less than 43 dB (at 20 dB S/N)

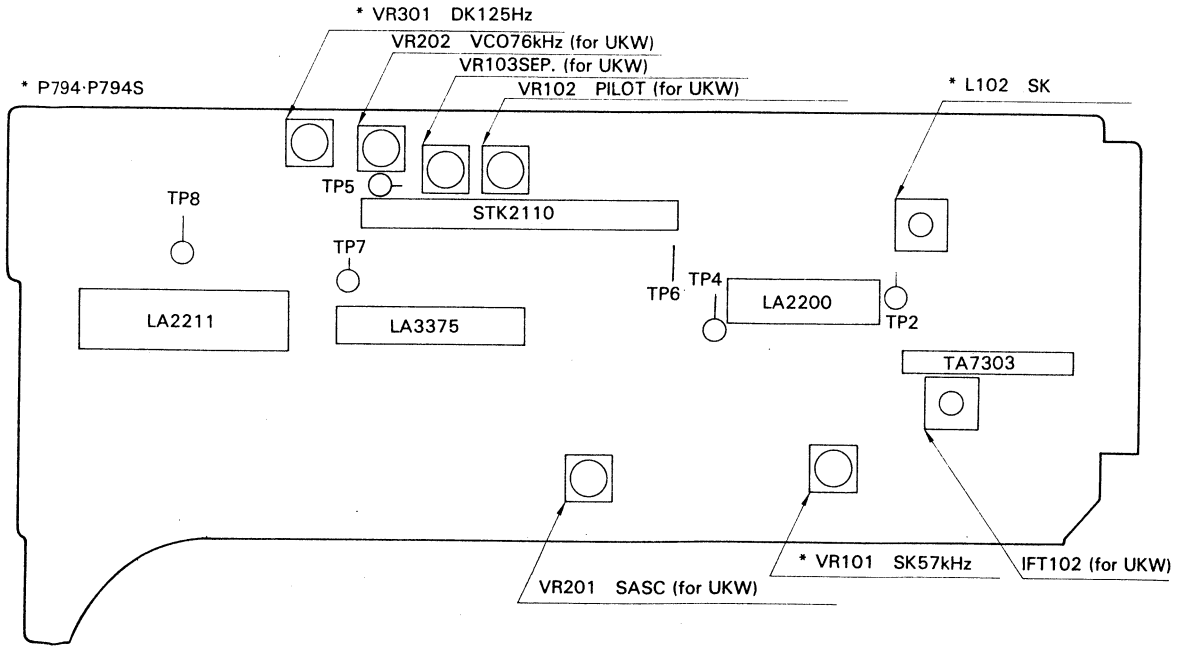
UKW (FM) CIRCUIT

Item	Input	Output	Frequency	Method of adjustment		Instruments required	Remarks
S-curve	TP1	TP2	10.7MHz	IFT1 and IFT102	Adjust the cores for wave-form having good symmetry and good linearity.	• Sweep generator • Oscilloscope	
Tracking	Antenna receptacle	Meter across the speaker voice coil	87.5MHz	CT-1 (OSC trimmer)	Adjust the trimmer for maximum indication of V.T.V.M.	• Speacker • V.T.V.M. • S.S.G.	
<MPX> (VCO)		TP7	98MHz 55dB	Connect a frequency counter to TP7 and adjust VR202 to 76kHz.		• S.S.G. • Frequency counter	"ST" ON
Separation		Meter across the speaker voice coil	Right or left signal (400Hz)	VR103	Adjust the VR for maximum separation	• Stereo SG • S.S.G. • V.T.V.M.	"ST" ON
Pilot canceller			98MHz 55dB PL 10%	VR102	Adjust the VR for minimum indication of V.T.V.M.	• S.S.G. • Stereo SG •V.T.V.M.	
SASC circuit	Set to the specified modulation (30%), assuming an UKW SSG output 55dB, modulation frequency 7kHz. Set the output level to 0dBm (=0.775V) using the volume control. Set the UKW SSG output to 38dB and adjust VR201 so that the output level is 3dB down. "ST" ON						
SK (P794 P794S)	1. Connect a Millivoltmeter to TP4 and adjust L102 to peak voltage. (98MHz, 55dB) 2. Connect a frequency counter to TP3, and adjust VR101 to 57kHz. (98MHz, 0dB)						
DK (P794 P794S)	Connect a frequency counter to TP8, and adjust VR301 to 125Hz.						

[NOTE] After the adjustment of frequency range, be sure that;
(1) Band edge frequency of LW shall be 148.5kHz −20kHz
(2) Band edge frequency of UKW shall be 87.5MHz +100kHz
−160kHz
at low end. And shall be lower than 108.16MHz at upper end.

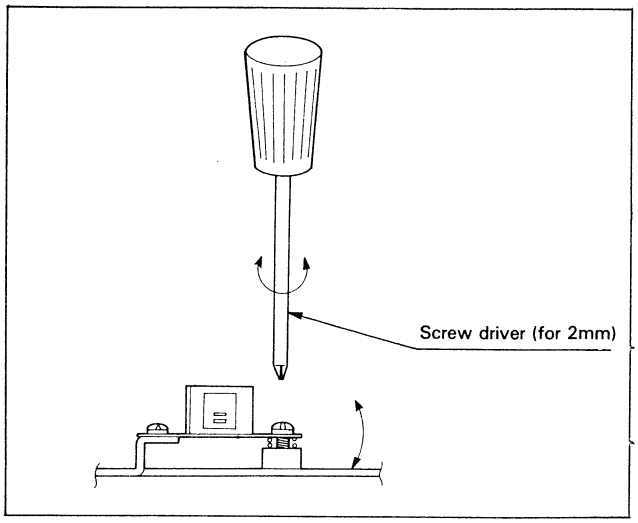
• **SPECIFICATION — LIMIT —** Quieting sensitivity : Less than 12 dB (at 30 dB S/N)
Stereo separation : More than 20 dB


IFT1 (for UKW)
TP1 (for UKW)
TP51 (for MW/LW)
CT-3 ANT TRIMMER (for LW)
L7 OSC COIL (for MW)
TP52 (for MW/LW)
IFT2 (for MW/LW)
IFT3 (for MW/LW)
CT-1 OSC TRIMMER (for UKW)
CT-2 OSC TRIMMER (for LW)
L6 RF COIL (for LW)
L5 OSC COIL (for LW)



■ HEAD AZIMUTH ADJUSTMENT:

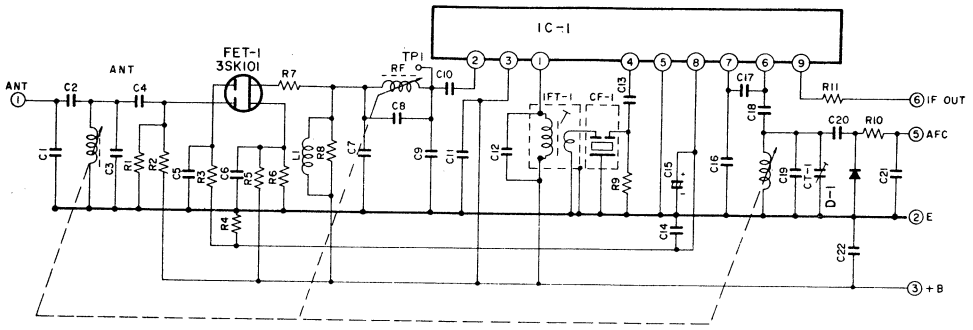
Play the test tape 6.3 kHz-10 VU and adjust by turning the head azimuth adjusting screw so that the output level becomes close to maximum.



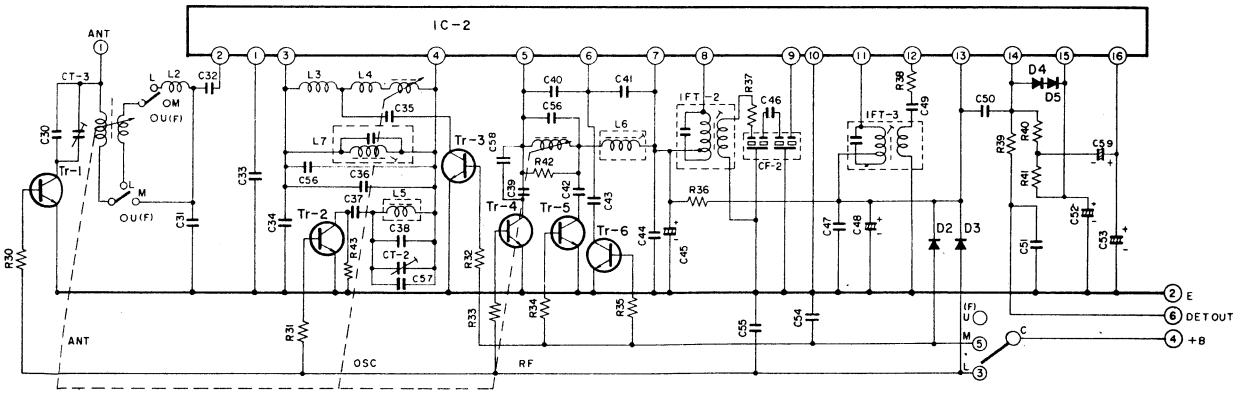
• **SPECIFICATION — LIMIT** — Wow and flutter: Less than 0.2% (W.R.M.S.)

■ TUNER PACK CIRCUIT:

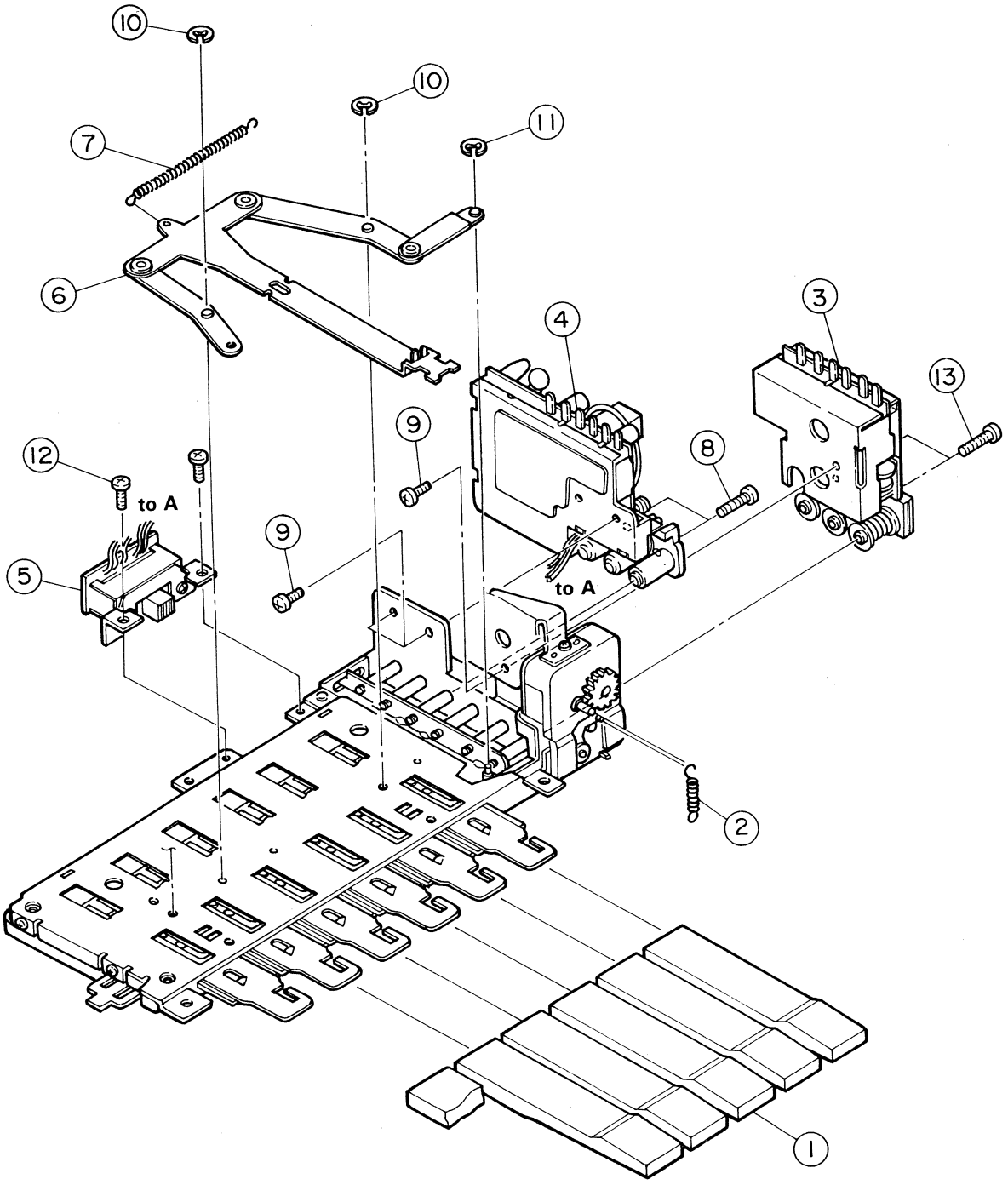
○ UKW (FM) Tuner



○ MW/LW Tuner



■ EXPLODED VIEW: <Tuner section>



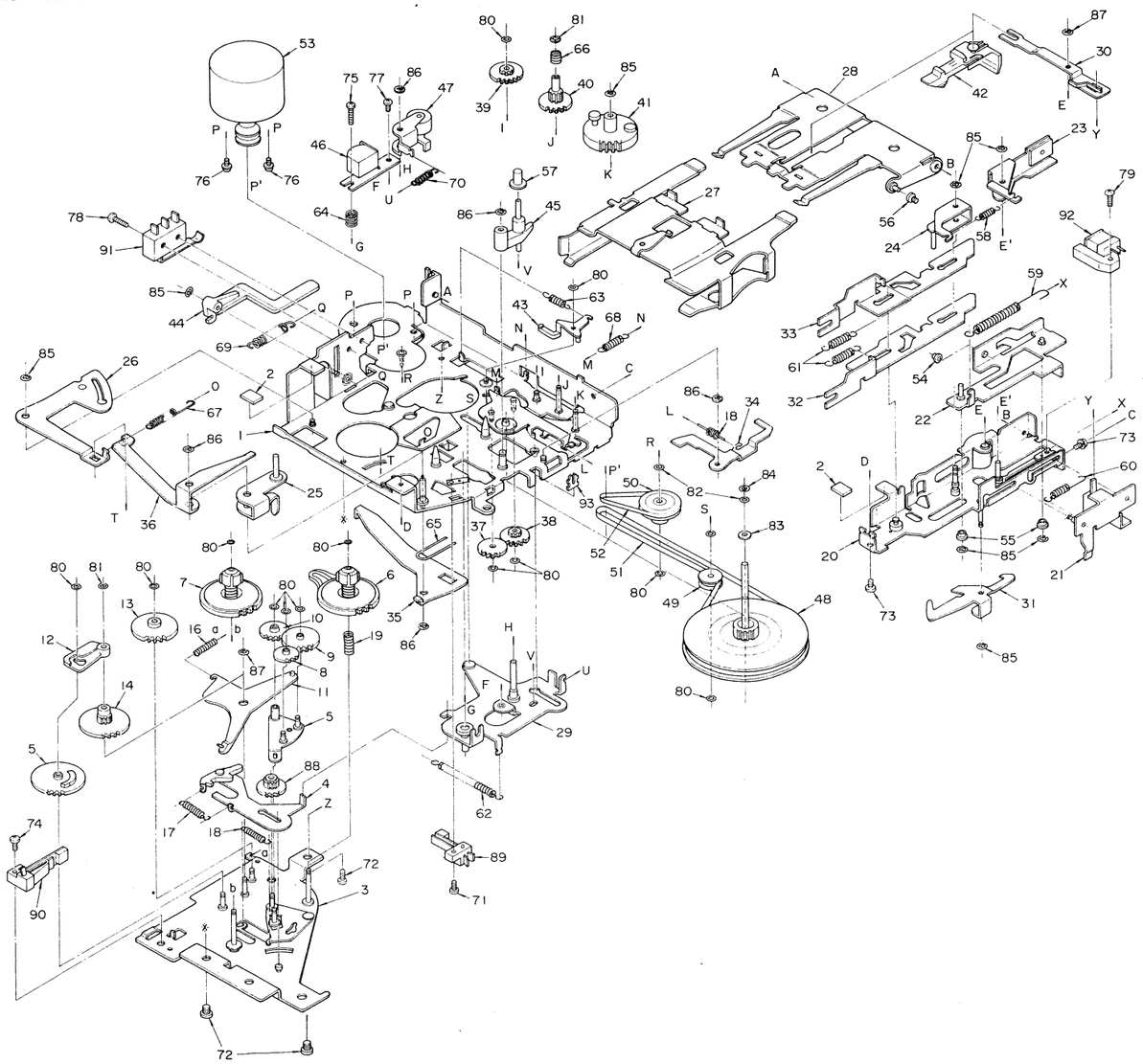
■ PARTS LIST:

<Tuner section>

Ref. No.	Part No. (Order No.)	Description	Q'ty
1	658-0141-01 (P794·P795) 658-0143-01 (P794S·P795S)	Push button	6
2	658-0131-03	Spring	1
3	658-0131-05	UKW tuner pack	1
4	658-0141-02	MW/LW tuner pack	1
5	658-0141-03	Band selector	1
6	658-0131-08	Pointer plate	1
7	658-0131-09	Spring	1

Ref. No.	Part No. (Order No.)	Description	Q'ty
8	714-2008-11	Machine screw (M2×8)	2
9	714-2604-11	Machine screw (M2.6×4)	2
10	743-2000-00	E-ring (ϕ2)	2
11	743-1200-00	E-ring (ϕ1.2)	1
12	714-2004-00	Machine screw (M2×4)	2
13	658-0141-04	Screw (M2×8)	2

■ EXPLODED VIEW: <Mechanism section>



■ PARTS LIST:

<Mechanism section>

Ref. No.	Part No. (Order No.)	Description	Q'ty
1	960-3423-02	Deck plate ass'y	1
2	340-0398-00	Spacer	2
3	960-3435-02	Bottom plate ass'y	1
4	960-3434-02	SW plate ass'y	1
5	960-3433-02	FF gear ass'y	1
6	960-3421-00	Reel base ass'y	1
7	960-3422-00	Reel base ass'y	1
8	613-0028-00	REW gear	1
9	613-0027-00	FF gear	1
10	613-0026-01	FF base gear	1
11	631-0396-01	Sensing link	1
12	631-0397-01	Replay sensing	1
13	613-0022-01	Gear A	1
14	613-0023-00	Gear B	1

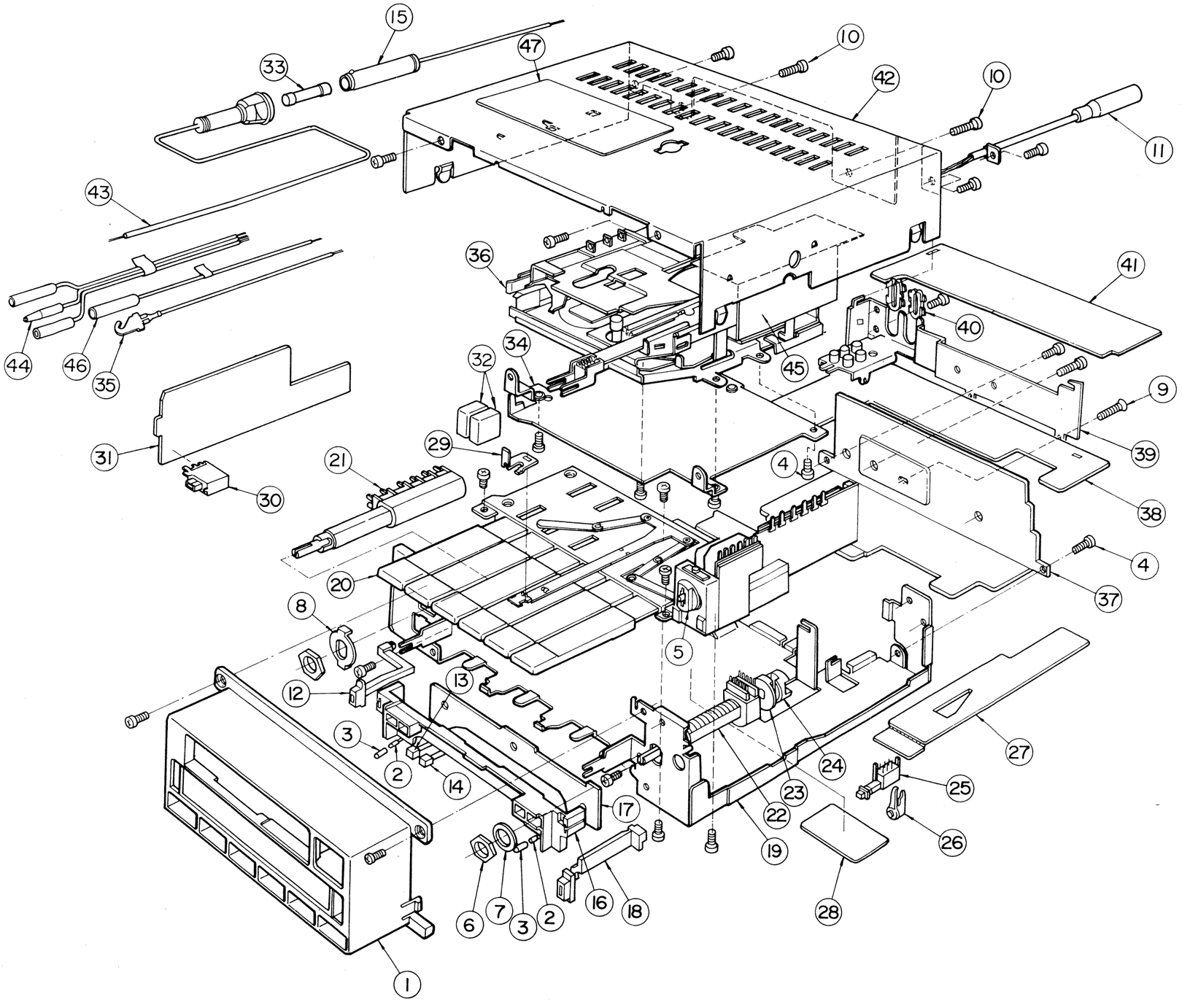
Ref. No.	Part No. (Order No.)	Description	Q'ty
15	613-0024-01	Cam gear	1
16	750-2217-00	Spring	1
17	750-2218-00	Spring	1
18	750-2219-00	Spring	2
19	750-2155-00	Spring	1
20	960-3424-05	Frame ass'y	1
21	960-3425-02	Loading P ass'y	1
22	960-3426-05	Eject P ass'y	1
23	960-3427-02	Core P ass'y	1
24	960-3429-01	Lock P ass'y	1
25	960-3430-01	FF link A ass'y	1
26	960-3431-01	Replay L A ass'y	1
27	960-3438-01	Pack guide ass'y	1
28	960-3439-00	Guide arm ass'y	1

Ref. No.	Part No. (Order No.)	Description	Q'ty
29	960-3440-00	Head plate ass'y	1
30	630-1511-01	Loading link	1
31	630-1513-01	Lock link	1
32	630-1514-04	FF lever	1
33	630-1515-04	REW lever	1
34	630-1518-00	Lock arm	1
35	630-1521-01	FF link B	1
36	630-1526-00	Replay link B	1
37	613-0029-00	Loading gear A	1
38	613-0030-00	Loading gear B	1
39	613-0031-00	Loading gear C	1
40	613-0032-00	Loading gear D	1
41	613-0033-00	Power gear	1
42	613-0392-01	Pack stopper	1

Ref. No.	Part No. (Order No.)	Description	Q'ty
43	613-0394-00	Cancel link	1
44	631-0395-01	SW link	1
45	631-0398-00	Eject link	1
46	011-0284-00	Head	1
47	960-3437-01	P roller ass'y	1
48	611-0065-00	Flywheel	1
49	631-0370-00	Tension pulley	1
50	613-0021-01	Pulley gear	1
51	602-0074-00	Belt A	1
52	602-0075-00	Belt B	1
53	960-3528-00	Motor ass'y	1
54	610-0225-01	Guide roller	1
55	610-0225-00	Guide roller	2
56	610-0226-00	Guide arm roller	1
57	610-0227-00	Eject roller	1
58	750-2233-01	Spring	1
59	750-2220-01	Spring	1
60	750-2221-01	Spring	1
61	750-2222-00	Spring	2
62	750-2224-00	Spring	1
63	750-2225-00	Spring	1
64	750-2226-00	Spring	1
65	750-2227-00	Spring	1
66	750-2228-00	Spring	1
67	750-2229-00	Spring	1
68	750-2230-00	Spring	1
69	750-2231-00	Spring	1
70	750-2232-00	Spring	1
71	714-2604-11	Machine screw (M2.6×4)	1
72	714-2604-81	Machine screw (M2.6×4)	2
73	714-2603-81	Machine screw (M2.6×3)	2
74	714-2306-81	Machine screw (M2.3×6)	1
75	716-0482-00	Screw	1
76	716-0347-00	Screw	2
77	714-2003-81	Machine screw (M2×3)	1
78	714-2308-81	Machine screw (M2.3×8)	1
79	714-2606-11	Machine screw (M2.6×6)	1
80	746-0628-01	Washer	14
81	745-0647-00	Washer	2
82	745-0645-00	Washer	3
83	745-0646-00	Washer	1
84	744-0022-00	E-ring	1
85	743-1500-10	E-ring	8
86	743-2000-10	E-ring	5
87	744-0006-01	E-ring	2
88	613-0025-00	Idler gear	1
89	013-3470-05	Switch	1
90	013-3558-02	Switch	1
91	013-2690-03	Switch	1
92	015-0232-00	Plunger	1
93	631-0419-00	Clamp	1

■ EXPLODED VIEW: <Main section>

○ P794·P794S (PE-794A·PE-794B)



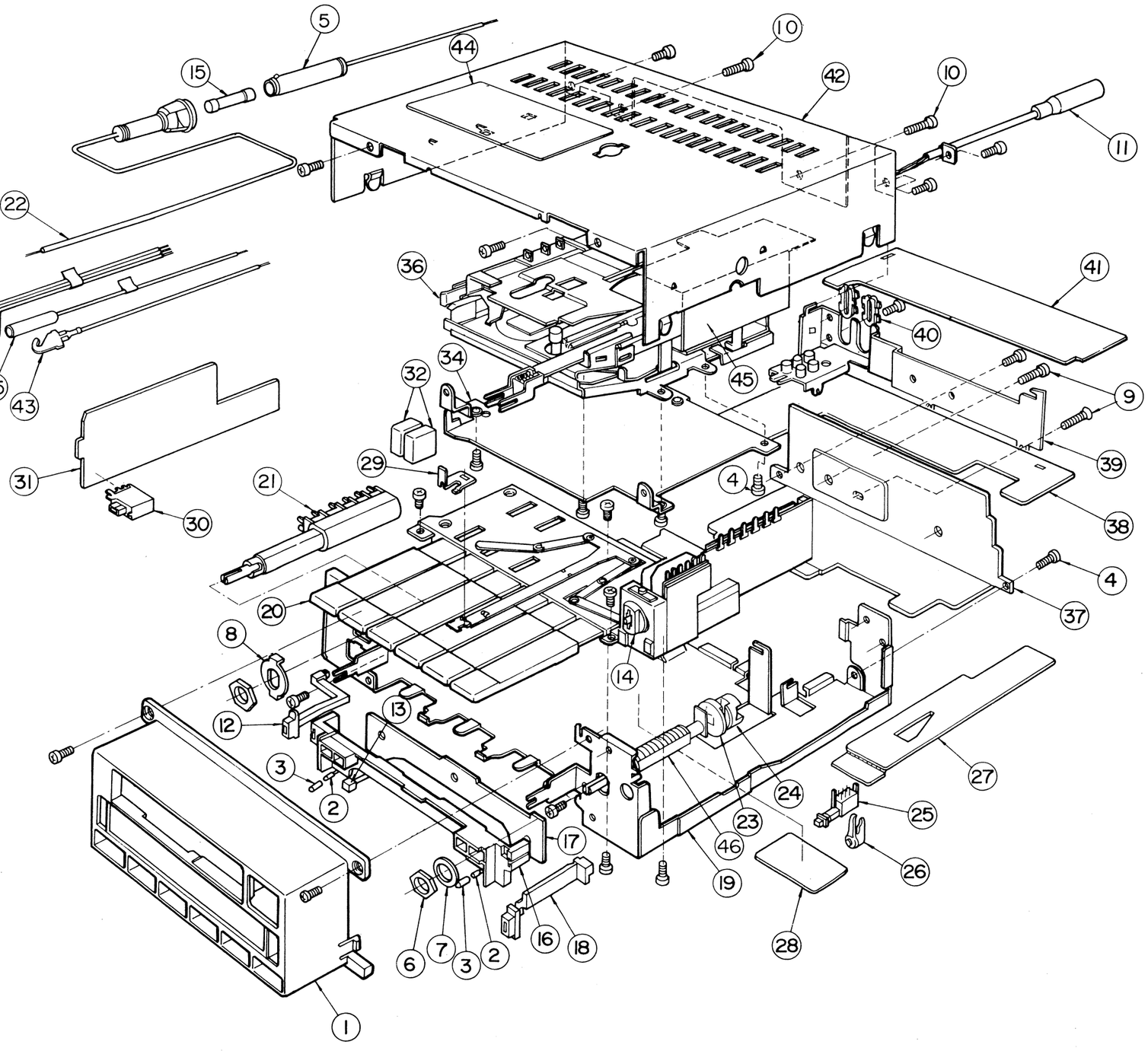
■ PARTS LIST:

<Main section>

Ref. No.	Part No. (Order No.)	Description	Q'ty
1	940-0353A 940-0354A	Escutcheon ass'y (P794) (P794S)	1
2	017-0313-01	Pilot lamp	2
3	345-2830-00	P.L. cap	2
4	714-3005-81	Machine screw (M3×5)	21
5	335-1396-00	Jointer	1
6	722-0231-00	Hexagon nut	2
7	745-0430-00	Flat washer	1
8	330-7541-00	Adjustable plate	1
9	714-3010-81	Machine screw (M3×10)	2
10	731-3006-80	Tap tight (M3×6)	2
11	092-0552-00	Antenna receptacle	1
12	380-4211-00 380-4211-01	Button (LOUD) (P794) (P794S)	1
13	001-0312-01	LED (ST)	1
14	001-0312-02	LED (VF)	1
15	850-1822-00	A-lead	1
16	374-0822-00	Back plate	1
17	099-6537-01	P.W.B	1
18	380-4212-00 380-4212-01	Button (ST) (P794) (P794S)	1
19	311-1068-00	Lower case	1
20	937-0162-02 937-0165-01	6 coil push button tuner (P794) (P794S)	1
21	012-4086-00	Variable resistor (VOL/TONE)	1
22	013-3663-01	Switch (TUN/VF)	1
23	335-1447-00	Oldham joint	1
24	335-1381-00	Oldham joint	1
25	013-3662-00	Switch (ST)	1
26	004-1555-00	Antenna trimmer	1
27	099-6535-03	P.W.B	1
28	286-5097-00 286-5097-01	Set plate (P794) (P794S)	1
29	376-0883-00	Dial pointer	1
30	013-3521-00	Switch (LOUD)	1
31	099-6786-00	P.W.B	1
32	380-4316-00 380-4316-01	Button (◁◁) (P794) (P794S)	2
33	120-0030-00	Fuse (3A)	1
34	330-7526-02	Mechanism plate	1
35	840-0386-00	Bonding wire	1
36	930-0505-00	Tape mechanism	1
37	304-0360-00	Lower cover	1
38	099-6786-00	P.W.B	1
39	944-0661-00	Filter ass'y	1
40	335-0580-00	Lead holder	2
41	099-6535-03	P.W.B	1
42	310-1090-01	Upper case	1
43	850-1844-01	A-lead	1
44	851-2057-05	Speaker lead	1
45	347-1236-00	Insulator	1
46	852-6652-01	Extension lead	1
47	285-0915-00	Guide label	1

■ EXPLODED VIEW: <Main section>

○ P795·P795S (PE-795A·PE-795B)

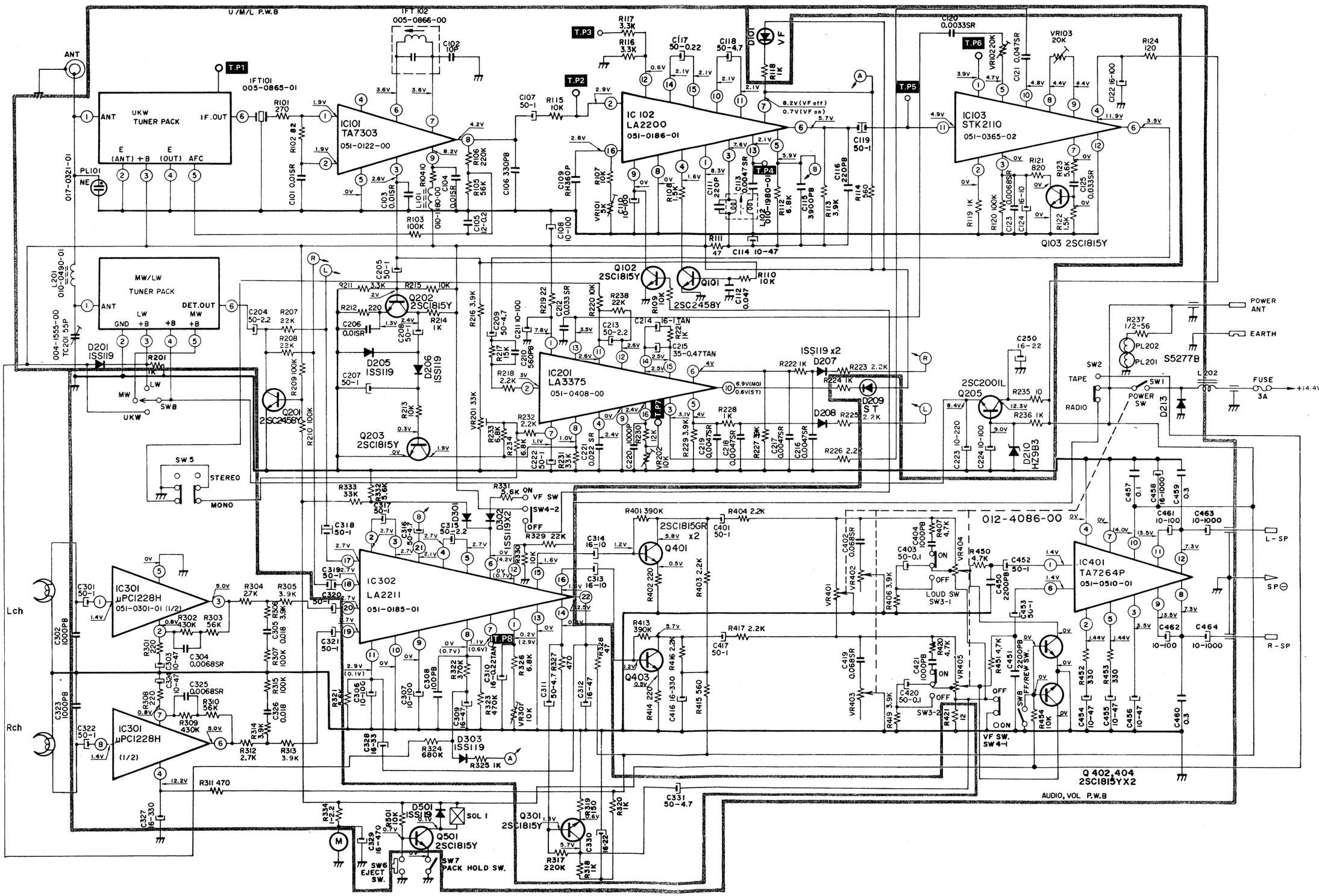


■ PARTS LIST:

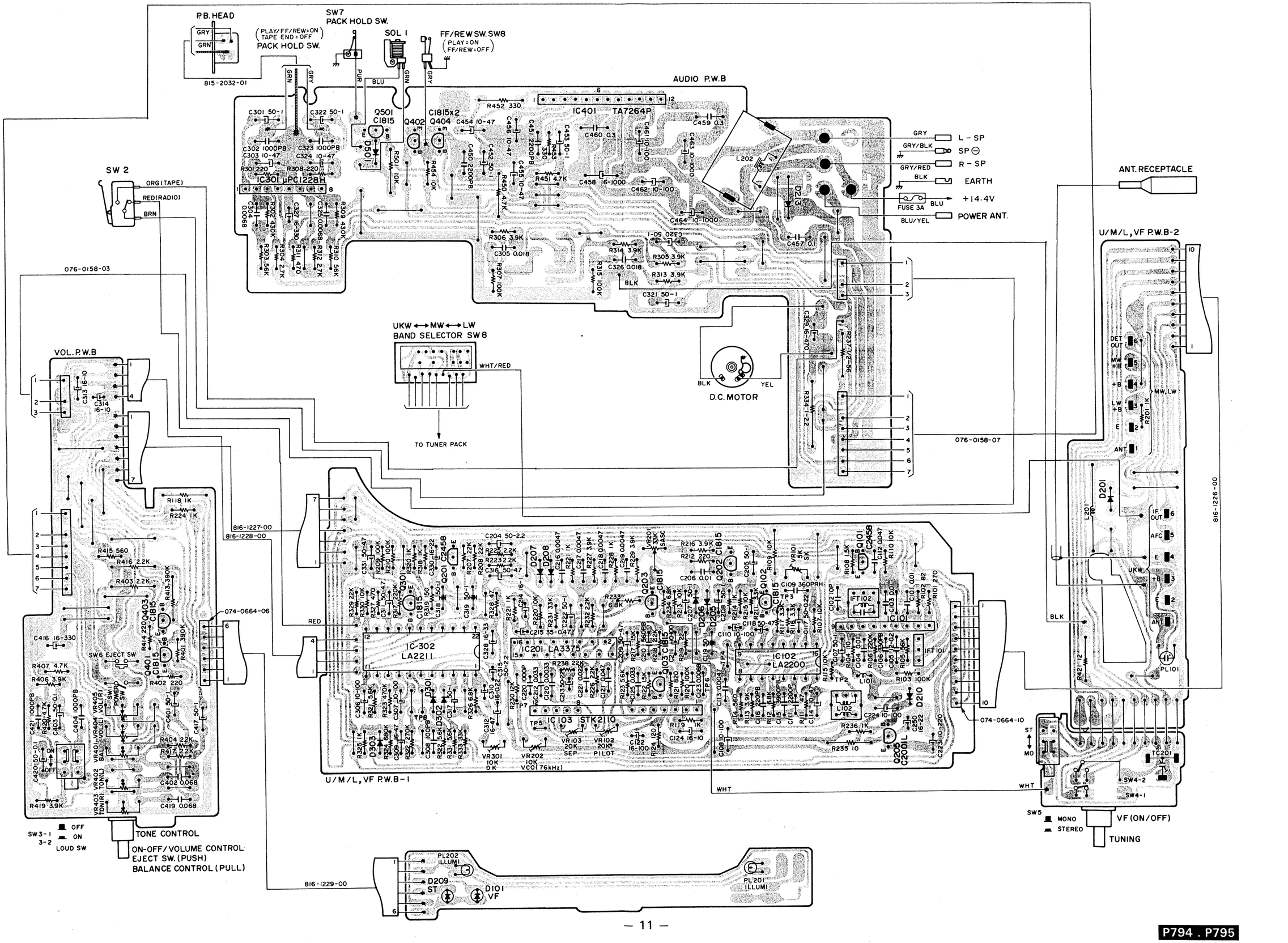
<Main section>

Ref. No.	Part No. (Order No.)	Description	Q'ty
1	940-0356A (P795) 940-0357A (P795S)	Escutcheon ass'y	1
2	017-0313-01	Pilot lamp	2
3	345-2830-00	P.L. cap	2
4	714-3005-81	Machine screw (M3×5)	21
5	850-1822-00	A-lead	1
6	722-0231-00	Hexagon nut	2
7	745-0430-00	Flat washer	1
8	330-7541-00	Adjustable plate	1
9	714-3010-81	Machine screw (M3×10)	2
10	731-3006-80	Tap tight (M3×6)	2
11	092-0552-00	Antenna receptacle	1
12	380-4211-00 (P795) 380-4211-01 (P795S)	Button (LOUD)	1
13	001-0312-01	LED (ST)	1
14	335-1396-00	Jointer	1
15	120-0030-00	Fuse (3A)	1
16	374-0822-00	Back plate	1
17	099-6537-01	P.W.B	1
18	380-4212-00 (P795) 380-4212-01 (P795S)	Button (ST)	1
19	311-1068-01	Lower case	1
20	937-0162-02 (P795) 937-0165-01 (P795S)	6 coil push button tuner	1
21	012-4086-00	Variable resistor (VOL/TONE)	1
22	850-1844-01	A-lead	1
23	335-1447-00	Oldham joint	1
24	335-1381-00	Oldham joint	1
25	013-3662-00	Switch (ST)	1
26	004-1555-00	Antenna trimmer	1
27	099-6538-04	P.W.B	1
28	286-5097-02 (P795) 286-5097-03 (P795S)	Set plate	1
29	376-0883-00	Dial pointer	1
30	013-3521-00	Switch (LOUD)	1
31	099-6786-00	P.W.B	1
32	380-4316-00 (P795) 380-4316-01 (P795S)	Button (◁◁)	2
33	851-2057-05	Speaker lead	1
34	330-7526-02	Mechanism plate	1
35	852-6652-01	Extension lead	1
36	930-0505-00	Tape mechanism	1
37	304-0360-00	Lower cover	1
38	099-6786-00	P.W.B	1
39	944-0661-00	Filter ass'y	1
40	335-0580-00	Lead holder	2
41	099-6538-04	P.W.B	1
42	310-1090-01	Upper case	1
43	840-0386-00	Bonding wire	1
44	285-0915-00	Guide label	1
45	347-1236-00	Insulator	1
46	961-0117-00	Tuning shaft	1

■ CIRCUIT DIAGRAM: (P794·P794S)



■ PRINTED WIRING BOARD: (P794·P794S)



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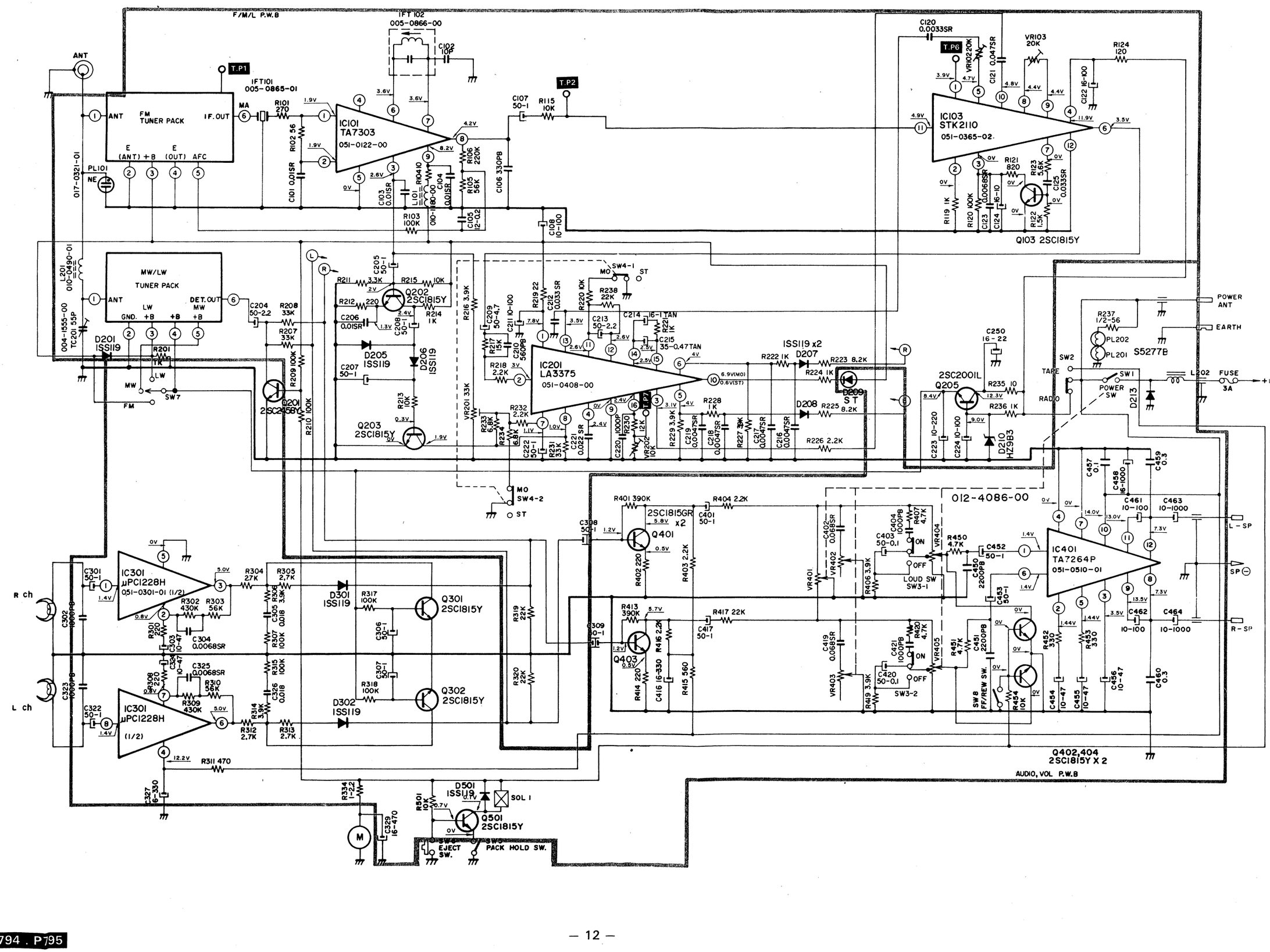
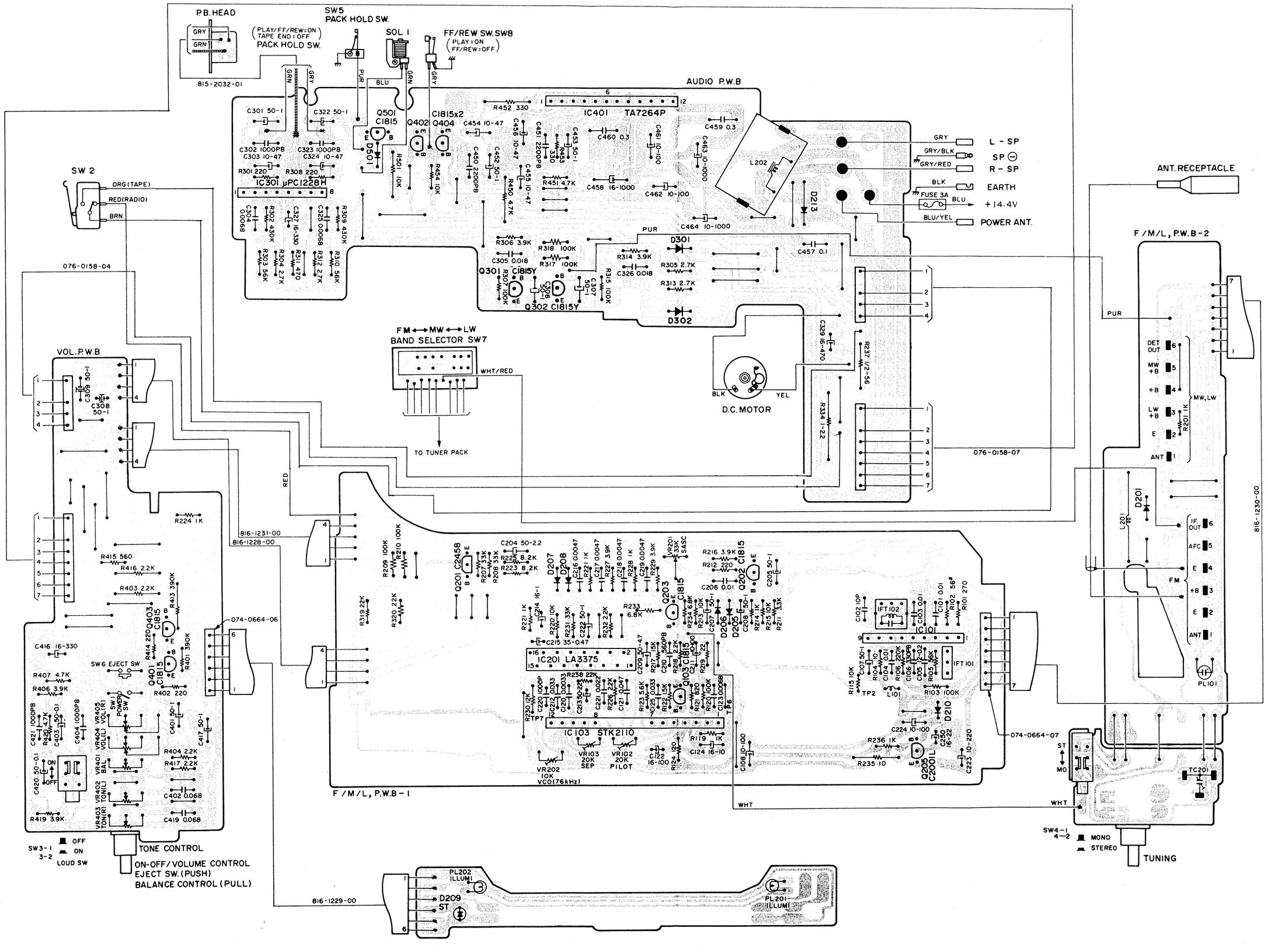
■ CIRCUIT DIAGRAM: (P795-P795S)



■ PRINTED WIRING BOARD: (P795·P795S)



■ PARTS LIST: (P794·P794S)

<U/M/L, VF P.W.B>

Ref. No.	Part No. (Order No.)	Description	Q'ty
D201,205,206, 207,208,301, 302,303	001-0330-00	Diode (1SS 119)	8
D210	001-0213-05	Diode (HZ 9B3)	1
TC201	004-1555-00	Trimmer	1
IFT101	005-0865-01	IF-transformer	1
IFT102	005-0866-00	IF-transformer	1
L201	010-0490-01	Coil	1
L101	010-1180-00	Coil	1
L102	010-1908-01	Coil	1
VR101	012-3708-04	Variable resistor (5kΩ)	1
VR202,301	012-3708-05	Variable resistor (10kΩ)	2
VR102,103	012-3708-06	Variable resistor (20kΩ)	2
VR201	012-3735-09	Variable resistor (33kΩ)	1
PL101	017-0321-01	Pilot lamp	1
IC101	051-0122-00	IC (TA7303)	1
IC302	051-0185-01	IC (LA2211)	1
IC102	051-0186-01	IC (LA2200)	1
IC103	051-0365-02	IC (STK2110C)	1
IC201	051-0408-00	IC (LA3375)	1
Q102,103,202, 203,301	102-1815-25	Transistor (2SC 1815Y)	5
Q205	102-2001-12	Transistor (2SC 2001L)	1
Q101,201	102-2458-25	Transistor (2SC 2458Y)	2
R115	032-0059-10	Film resistor (1/4Ws 10kΩ)	1
R117	032-0059-47	Film resistor (1/4Ws 3.3kΩ)	1
R230	032-0059-51	Film resistor (1/4Ws 12kΩ)	1
R235	111-1001-21	Film resistor (1/4Ws 10Ω)	1
R104	111-1001-71	Film resistor (1/6W 10Ω)	1
R320,325	111-1021-22	Film resistor (1/4Ws 1kΩ)	2
R119,201,214, 221,222,228, 236,318	111-1021-71	Film resistor (1/6W 1kΩ)	8
R109	111-1031-21	Film resistor (1/4Ws 10kΩ)	1
R215,220	111-1031-22	Film resistor (1/4Ws 10kΩ)	2
R107,110,213, 330	111-1031-71	Film resistor (1/6W 10kΩ)	4
R209	111-1041-22	Film resistor (1/4Ws 100kΩ)	1
R103,120,210	111-1041-71	Film resistor (1/6W 100kΩ)	3
R421	111-1201-21	Film resistor (1/4Ws 12Ω)	1
R124	111-1211-22	Film resistor (1/4Ws 120Ω)	1
R319	111-1511-71	Film resistor (1/6W 150Ω)	1
R108	111-1521-22	Film resistor (1/4Ws 1.5kΩ)	1
R122	111-1521-71	Film resistor (1/6W 1.5kΩ)	1
R217	111-1531-71	Film resistor (1/6W 15kΩ)	1
R219	111-2201-71	Film resistor (1/6W 22Ω)	1
R212	111-2211-71	Film resistor (1/6W 220Ω)	1
R101	111-2711-22	Film resistor (1/4Ws 270Ω)	1
R232	111-2221-22	Film resistor (1/4Ws 2.2kΩ)	1
R223,225,226	111-2221-71	Film resistor (1/6W 2.2kΩ)	3
R329,238	111-2231-22	Film resistor (1/4Ws 22kΩ)	2
R207,208,218	111-2231-71	Film resistor (1/6W 22kΩ)	3
R106,317	111-2241-71	Film resistor (1/6W 220kΩ)	2
R322	111-2741-71	Film resistor (1/6W 270kΩ)	1

Ref. No.	Part No. (Order No.)	Description	Q'ty
R116,211	111-3321-71	Film resistor (1/6W 3.3kΩ)	2
R333	111-3331-22	Film resistor (1/4Ws 33kΩ)	1
R231	111-3331-71	Film resistor (1/6W 33kΩ)	1
R216	111-3921-22	Film resistor (1/4Ws 3.9kΩ)	1
R113,227,229	111-3921-71	Film resistor (1/6W 3.9kΩ)	3
R111,328	111-4701-71	Film resistor (1/6W 47Ω)	2
R327	111-4711-71	Film resistor (1/6W 470Ω)	1
R323	111-4741-71	Film resistor (1/6W 470kΩ)	1
R114	111-5611-71	Film resistor (1/6W 560Ω)	1
R123,321,331, 332	111-5621-71	Film resistor (1/6W 5.6kΩ)	4
R105	111-5631-22	Film resistor (1/4Ws 56kΩ)	1
R233,234	111-6821-22	Film resistor (1/4Ws 6.8kΩ)	2
R112,326	111-6821-71	Film resistor (1/6W 6.8kΩ)	2
R324	111-6841-71	Film resistor (1/6W 680kΩ)	1
R102	111-8201-71	Film resistor (1/6W 82Ω)	1
R121	111-8211-22	Film resistor (1/4Ws 820Ω)	1
C308	160-1012-05	Ceramic capacitor (100pFB)	1
C116	160-2212-05	Ceramic capacitor (220pFB)	1
C106	160-3312-05	Ceramic capacitor (330pFB)	1
C115	160-3922-05	Ceramic capacitor (3900pFB)	1
C210	160-5612-05	Ceramic capacitor (560pFB)	1
C101,103,104, 206	171-1033-06	Ceramic capacitor (25V 0.01μF)	4
C221	171-2233-06	Ceramic capacitor (25V 0.022μF)	1
C120	171-3323-06	Ceramic capacitor (25V 0.0033μF)	1
C125,212	171-3333-06	Ceramic capacitor (25V 0.033μF)	2
C113,216,217, 218,219	171-4723-06	Ceramic capacitor (25V 0.0047μF)	5
C112,121	171-4733-06	Ceramic capacitor (25V 0.047μF)	2
C123	171-6823-06	Ceramic capacitor (25V 0.0068μF)	1
C102	174-1000-13	Ceramic capacitor (10pFCH)	1
C109	174-3610-37	Ceramic capacitor (360pFRH)	1
C105	043-0020-00	Ceramic capacitor (12V 0.2μF)	1
C220	043-0171-00	Ceramic capacitor (1000pF)	1
C111	043-0174-00	Ceramic capacitor (2200pF)	1
C215	042-0230-00	Electrolytic capacitor (35V 0.47μFTAN)	1
C214	042-0239-00	Electrolytic capacitor (16V 1μFTAN)	1
C310	042-0249-00	Electrolytic capacitor (16V 0.22μFTAN)	1
C107,205,207, 208,222,317	179-1053-62	Electrolytic capacitor (50V 1μF)	6
C124	179-1063-32	Electrolytic capacitor (16V 10μF)	1
C108,110,211, 224,306,307	179-1073-22	Electrolytic capacitor (10V 100μF)	6
C122	179-1073-33	Electrolytic capacitor (16V 100μF)	1
C204,213,315	179-2253-62	Electrolytic capacitor (50V 2.2μF)	3
C250,330	179-2263-32	Electrolytic capacitor (16V 22μF)	2
C223	179-2273-22	Electrolytic capacitor (10V 220μF)	1
C328	179-3363-32	Electrolytic capacitor (16V 33μF)	1
C118,209,311, 316,331	179-4753-62	Electrolytic capacitor (50V 4.7μF)	5
C114	179-4763-22	Electrolytic capacitor (10V 47μF)	1
C309,312	179-4763-32	Electrolytic capacitor (16V 47μF)	2
C119,318,319	180-1054-62	Electrolytic capacitor (50V 1μF)	3
C117	182-2243-62	Electrolytic capacitor (50V 0.22μF)	1

■ PARTS LIST: (P794·P794S)

<AUDIO, VOL P.W.B>

Ref. No.	Part No. (Order No.)	Description	Q'ty
D501	001-0330-00	Diode (1SS 119)	1
D213	001-0276-00	Diode (S5277B)	1
L202	009-0603-01	Choke	1
IC301	051-0301-01	IC (μPC 1228H)	1
IC401	051-0510-01	IC (TA7264P)	1
Q401,402,403 404,501	102-1815-28	Transistor (2SC 1815GR)	5
R118	111-1021-21	Film resistor (1/4Ws 1kΩ)	1
R224	111-1021-71	Film resistor (1/6W 1kΩ)	1
R501	111-1031-21	Film resistor (1/4Ws 10kΩ)	1
R454	111-1031-71	Film resistor (1/6W 10kΩ)	1
R307,315	111-1041-22	Film resistor (1/4Ws 100kΩ)	2
R301,308,402 414	111-2211-71	Film resistor (1/6W 220Ω)	4
R403,416	111-2221-21	Film resistor (1/4Ws 2.2kΩ)	2
R404,417	111-2221-71	Film resistor (1/6W 2.2kΩ)	2
R304,312	111-2721-22	Film resistor (1/4Ws 2.7kΩ)	2
R452	111-3311-21	Film resistor (1/4Ws 330Ω)	1
R453	111-3311-71	Film resistor (1/6W 330Ω)	1
R305,306,313, 314	111-3921-22	Film resistor (1/4Ws 3.9kΩ)	4
R406,419	111-3921-71	Film resistor (1/6W 3.9kΩ)	2
R413	111-3941-21	Film resistor (1/4Ws 390kΩ)	1
R401	111-3941-71	Film resistor (1/6W 390kΩ)	1
R302,309	111-4341-71	Film resistor (1/6W 430kΩ)	2
R311	111-4711-22	Film resistor (1/4Ws 470Ω)	1

Ref. No.	Part No. (Order No.)	Description	Q'ty
R407	111-4721-21	Film resistor (1/4Ws 4.7kΩ)	1
R420,450,451	111-4721-71	Film resistor (1/6W 4.7kΩ)	3
R237	111-5601-81	Film resistor (1/2Ws 56Ω)	1
R415	111-5611-71	Film resistor (1/6W 560Ω)	1
R303,310	111-5631-22	Film resistor (1/4Ws 56kΩ)	2
R334	114-2291-51	Film resistor (1W 2.2Ω)	1
C457	141-1042-10	Polyester capacitor (50V 0.1μF)	1
C305,326	141-1832-10	Polyester capacitor (50V 0.018μF)	2
C302,323,404, 421	160-1022-05	Ceramic capacitor (1000pFB)	4
C450,451	160-2222-05	Ceramic capacitor (2200pFB)	2
C304,325	171-6823-06	Ceramic capacitor (25V 0.0068μF)	2
C402,419	171-6833-06	Ceramic capacitor (25V 0.068μF)	2
C459,460	043-0122-00	Ceramic capacitor (12V 0.3μF)	2
C301,320,321, 322,401,417, 452,453	179-1053-62	Electrolytic capacitor (50V 1μF)	8
C313,314	179-1063-32	Electrolytic capacitor (16V 10μF)	2
C461,462	179-1073-22	Electrolytic capacitor (10V 100μF)	2
C463,464	179-1083-22	Electrolytic capacitor (10V 1000μF)	2
C458	179-1083-32	Electrolytic capacitor (16V 1000μF)	1
C327,416	179-3373-33	Electrolytic capacitor (16V 330μF)	2
C303,324,454, 455,456	179-4763-22	Electrolytic capacitor (10V 47μF)	5
C329	179-4773-33	Electrolytic capacitor (16V 470μF)	1
C403,420	182-1043-62	Electrolytic capacitor (50V 0.1μF)	2

■ PARTS LIST: (P795·P795S)

<F/M/L P.W.B>

Ref. No.	Part No. (Order No.)	Description	Q'ty
D201,205,206, 207,208	001-0330-00	Diode (1SS 119)	5
D210	001-0213-05	Diode (HZ 9B3)	1
TC201	004-1555-00	Trimmer	1
IFT101	005-0865-01	IF-transformer	1
IFT102	005-0866-00	IF-transformer	1
L201	010-0490-01	Coil	1
L101	010-1180-00	Coil	1
VR202	012-3708-05	Variable resistor (10kΩ)	1
VR102,103	012-3708-06	Variable resistor (20kΩ)	2
VR201	012-3735-09	Variable resistor (33kΩ)	1
PL101	017-0321-01	Pilot lamp	1
IC101	051-0122-00	IC (TA7303)	1
IC103	051-0365-02	IC (STK2110C)	1
IC201	051-0408-00	IC (LA3375)	1
Q103,202,203,	102-1815-25	Transistor (2SC 1815Y)	3
Q205	102-2001-12	Transistor (2SC 2001L)	1
Q201	102-2458-25	Transistor (2SC 2458Y)	1
R115	032-0059-10	Film resistor (1/4Ws 10kΩ)	1
R230	032-0059-51	Film resistor (1/4Ws 12kΩ)	1
R235	111-1001-21	Film resistor (1/4Ws 10Ω)	1
R104	111-1001-71	Film resistor (1/6W 10Ω)	1
R119,201,214, 221,222,228 236	111-1021-71	Film resistor (1/6W 1kΩ)	7
R215,220	111-1031-22	Film resistor (1/4Ws 10kΩ)	2
R213	111-1031-71	Film resistor (1/6W 10kΩ)	1
R209	111-1041-22	Film resistor (1/4Ws 100kΩ)	1
R103,120,210	111-1041-71	Film resistor (1/6W 100kΩ)	3
R124	111-1211-22	Film resistor (1/4Ws 120Ω)	1
R122	111-1521-71	Film resistor (1/6W 1.5kΩ)	1
R217	111-1531-71	Film resistor (1/6W 15kΩ)	1
R219	111-2201-71	Film resistor (1/6W 22Ω)	1
R212	111-2211-71	Film resistor (1/6W 220Ω)	1
R101	111-2711-22	Film resistor (1/4Ws 270Ω)	1
R232	111-2221-22	Film resistor (1/4Ws 2.2kΩ)	1
R226	111-2221-71	Film resistor (1/6W 2.2kΩ)	1
R238,319,320	111-2231-22	Film resistor (1/4Ws 22kΩ)	3

Ref. No.	Part No. (Order No.)	Description	Q'ty
R218	111-2231-71	Film resistor (1/6W 22kΩ)	1
R106	111-2241-71	Film resistor (1/6W 220kΩ)	1
R211	111-3321-71	Film resistor (1/6W 3.3kΩ)	1
R207,208,231	111-3331-71	Film resistor (1/6W 33kΩ)	3
R216	111-3921-22	Film resistor (1/4Ws 3.9kΩ)	1
R227,229	111-3921-71	Film resistor (1/6W 3.9kΩ)	2
R102	111-5601-71	Film resistor (1/6W 56Ω)	1
R123	111-5621-71	Film resistor (1/6W 5.6kΩ)	1
R105	111-5631-22	Film resistor (1/4Ws 56kΩ)	1
R233	111-6821-22	Film resistor (1/4Ws 6.8kΩ)	1
R234	111-6821-71	Film resistor (1/6W 6.8kΩ)	1
R121	111-8211-22	Film resistor (1/4Ws 820Ω)	1
R223,225	111-8221-71	Film resistor (1/6W 8.2kΩ)	2
C106	160-3312-05	Ceramic capacitor (330pFB)	1
C210	160-5612-05	Ceramic capacitor (560pFB)	1
C101,103,104, 206	171-1033-06	Ceramic capacitor (25V 0.01μF)	4
C221	171-2233-06	Ceramic capacitor (25V 0.022μF)	1
C120	171-3323-06	Ceramic capacitor (25V 0.0033μF)	1
C125,212	171-3333-06	Ceramic capacitor (25V 0.033μF)	2
C216,217,218, 219	171-4723-06	Ceramic capacitor (25V 0.0047μF)	4
C121	171-4733-06	Ceramic capacitor (25V 0.047μF)	1
C123	171-6823-06	Ceramic capacitor (25V 0.0068μF)	1
C102	174-1000-13	Ceramic capacitor (10pFCH)	1
C105	043-0020-00	Ceramic capacitor (12V 0.2μF)	1
C220	043-0171-00	Ceramic capacitor (1000pF)	1
C215	042-0230-00	Electrolytic capacitor (35V 0.47μFTAN)	1
C214	042-0239-00	Electrolytic capacitor (16V 1μFTAN)	1
C107,205,207, 208,222	179-1053-62	Electrolytic capacitor (50V 1μF)	5
C124	179-1063-32	Electrolytic capacitor (16V 10μF)	1
C108,211,224	179-1073-22	Electrolytic capacitor (10V 100μF)	3
C122	179-1073-33	Electrolytic capacitor (16V 100μF)	1
C204,213	179-2253-62	Electrolytic capacitor (50V 2.2μF)	2
C250	179-2263-32	Electrolytic capacitor (16V 22μF)	1
C223	179-2273-22	Electrolytic capacitor (10V 220μF)	1
C209	179-4753-62	Electrolytic capacitor (50V 4.7μF)	1

■ PARTS LIST: (P795·P795S)

<AUDIO, VOL P.W.B>

Ref. No.	Part No. (Order No.)	Description	Q'ty
D301,302,501	001-0330-00	Diode (1SS 119)	3
D213	001-0276-00	Diode (S5277B)	1
L202	009-0603-01	Choke	1
IC301	051-0301-01	IC (μPC 1228H)	1
IC401	051-0510-01	IC (TA7264P)	1
Q301,302,402 404,501	102-1815-25	Transistor (2SC 1815Y)	5
Q401,403	102-1815-28	Transistor (2SC 1815GR)	2
R224	111-1021-71	Film resistor (1/6W 1kΩ)	1
R501	111-1031-21	Film resistor (1/4Ws 10kΩ)	1
R454	111-1031-71	Film resistor (1/6W 10kΩ)	1
R307,315	111-1041-22	Film resistor (1/4Ws 100kΩ)	2
R317,318	111-1041-71	Film resistor (1/6W 100kΩ)	2
R301,308,402 414	111-2211-71	Film resistor (1/6W 220Ω)	4
R403,416	111-2221-21	Film resistor (1/4Ws 2.2kΩ)	2
R404,417	111-2221-71	Film resistor (1/6W 2.2kΩ)	2
R304,305,312, 313	111-2721-22	Film resistor (1/4Ws 2.7kΩ)	4
R452	111-3311-21	Film resistor (1/4Ws 330Ω)	1
R453	111-3311-71	Film resistor (1/6W 330Ω)	1
R306,314	111-3921-22	Film resistor (1/4Ws 3.9kΩ)	2
R406,419	111-3921-71	Film resistor (1/6W 3.9kΩ)	2
R413	111-3941-21	Film resistor (1/4Ws 390kΩ)	1
R401	111-3941-71	Film resistor (1/6W 390kΩ)	1
R302,309	111-4341-71	Film resistor (1/6W 430kΩ)	2
R311	111-4711-22	Film resistor (1/4Ws 470Ω)	1

Ref. No.	Part No. (Order No.)	Description	Q'ty
R407,450	111-4721-21	Film resistor (1/4Ws 4.7kΩ)	2
R420,451	111-4721-71	Film resistor (1/6W 4.7kΩ)	2
R237	111-5601-81	Film resistor (1/2Ws 56Ω)	1
R415	111-5611-71	Film resistor (1/6W 560Ω)	1
R303,310	111-5631-22	Film resistor (1/4Ws 56kΩ)	2
R334	114-2291-51	Film resistor (1W 2.2Ω)	1
C457	141-1042-10	Polyester capacitor (50V 0.1μF)	1
C305,326	141-1832-10	Polyester capacitor (50V 0.018μF)	2
C302,323,404, 421	160-1022-05	Ceramic capacitor (1000pFB)	4
C450,451	160-2222-05	Ceramic capacitor (2200pFB)	2
C304,325	171-6823-06	Ceramic capacitor (25V 0.0068μF)	2
C402,419	171-6833-06	Ceramic capacitor (25V 0.068μF)	2
C459,460	043-0122-00	Ceramic capacitor (12V 0.3μF)	2
C301,306,307, 322,401,417, 452,453	179-1053-62	Electrolytic capacitor (50V 1μF)	8
C461,462	179-1073-22	Electrolytic capacitor (10V 100μF)	2
C463,464	179-1083-22	Electrolytic capacitor (10V 1000μF)	2
C458	179-1083-32	Electrolytic capacitor (16V 1000μF)	1
C327,416	179-3373-33	Electrolytic capacitor (16V 330μF)	2
C303,324,454, 455,456	179-4763-22	Electrolytic capacitor (10V 47μF)	5
C329	179-4773-33	Electrolytic capacitor (16V 470μF)	1
C308,309	180-1054-62	Electrolytic capacitor (50V 1μF)	2
C403,420	182-1043-62	Electrolytic capacitor (50V 0.1μF)	2